

## ABSTRACT OF THE DISCLOSURE

A green tire (24) prepared by superposing an inner liner (2) onto the inner surface of a tire body (1) is set in an upper die (29) and a lower die (30). In this condition, a pressure bag (31) placed inside the green tire (24) is expanded by air pressure to perform vulcanization and forming. At this time, a mold release sheet (9) such as a fluoro resin sheet having a mold releasing property on one surface only is interposed between a part of the inner liner (2) and the tire body (1) in such a manner that the surface having the mold releasing property is opposed to the inner liner (2). Accordingly, the inner liner (2) is prevented from being bonded by vulcanization to the tire body (1), thereby forming a sealant chamber having a proper shape for charging a sealant thereto. In case the mold release sheet (9) is formed of a material soluble in the sealant, a reduction in sealability of the sealant due to the mold release sheet (9) left in the sealant chamber can be avoided.